

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1 (currently amended): A mobile phone with an image recognition function for allowing
5 users to use the mobile phone according to an image recognition acknowledgement
result, the mobile phone comprising:
a housing;
a control module installed inside the housing for controlling the mobile phone; and
an image-capturing module comprising a lens for capturing an image; [[and]]
10 an image recognition module installed inside the housing for recognizing the image
captured by the lens of the image-capturing module; and
a memory installed inside the housing and electrically connected to the control
module for storing image data recognized by the image recognition module;
wherein when the image captured by the image-capturing module corresponds with
15 image data previously stored in the memory, a corresponding identification code
will be sent by the image recognition module to the control module, and the
control module will boot the mobile phone in response to receiving the
corresponding identification code.
- 20 2 (original): The mobile phone of claim 1 further comprising an IR cut filter for stopping
infrared rays from passing through the lens of the image-capturing module.
- 3 (original): The mobile phone of claim 2 wherein the IR cut filter is installed above the
lens in a movable manner.
- 25 4 (original): The mobile phone of claim 3 further comprising a sliding set installed on the
housing in a slidable manner, wherein the IR cut filter is installed on the sliding set.

5 (original): The mobile phone of claim 1 wherein the image-capturing module is an external phone camera installed outside the housing.

5 6 (original): The mobile phone of claim 1 wherein the image-capturing module is a phone camera installed on the housing of the mobile phone.

7-8 (cancelled).

10 9 (original): The mobile phone of claim 1 wherein the image is a pattern of a person's face.

10 (currently amended): A method for allowing users to use a mobile phone according to an image recognition acknowledgement result, the mobile phone comprising a housing, a control module, and a memory, the method comprising:

15 (a) providing an image-capturing module comprising a lens, and using the image-capturing module to capture an image;

(b) providing an image recognition module installed inside the housing of the mobile phone, and using the image recognition module to compare the image captured by the image-capturing module with image data previously stored in the memory; [[and]]

20 (c) after step (b), if the image captured by the image-capturing module corresponds with the image data stored in the memory, sending a corresponding identification code to the control module with the image recognition module; and

25 (d) the control module booting the mobile phone in response to receiving the corresponding identification code.

- 11 (original): The method of claim 10 further comprising providing an IR cut filter for
stopping infrared rays from passing through the lens of the image-capturing module,
wherein in step (a), when the image-capturing module is used to capture the image
for image recognition, the IR cut filter is removed from the front of the lens of the
5 image-capturing module, and when the image-capturing module is not used to
capture the image for image recognition but for photo, the IR cut filter is moved to
the front of the lens of the image-capturing module.
- 12 (original): The method of claim 11 further comprising providing a sliding set installed
10 on the housing in slidable manner, and installing the IR cut filter on the sliding set.
- 13 (original): The method of claim 10 wherein the image-capturing module is an external
phone camera installed outside the housing.
- 15 14 (original): The method of claim 10 wherein the image-capturing module is a phone
camera installed on the housing of the mobile phone.
- 15 (original): The method of claim 10 wherein the image is a pattern of a person's face.
- 20 16 (cancelled).